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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

March 15, 2006

Mr. Roy J. Schepens, Manager  
Office of River Protection  
U.S. Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

RECEIVED  
MAR 17 2006

EDMC

Mr. Jim Henschel, Project Manager  
Bechtel National, Inc.  
2435 Stevens Center Place, MSIN: H4-02  
Richland, Washington 99354

Dear Mr. Schepens and Mr. Henschel:

Re: Class <sup>1</sup>1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant) WA7890008967; Hanford Facility RCRA Permit Modification Notification Form 24590-LAB-PCN-ENV-05-002

The Department of Ecology approves the referenced Class <sup>1</sup>1 Modification submitted by the U.S. Department of Energy – Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

The modification consists of updates to the Analytical Laboratory Material Selection Data Sheet for the Hot Cell Drain Collection Vessel (24590-LAB-N1D-RLD-P0003). Approval of this modification replaces 24590-LAB-N1D-RLD-P0003, Revision 0, with Revision 1. Please refer to the enclosed Hanford Facility RCRA Permit Modification Notification Form for details.

If there are any questions, contact me at (509) 372-7882 or Ed Fredenburg at (509) 372-7899.

Sincerely,

Brenda Becker-Khaleel  
WTP Lead Permit Writer  
Nuclear Waste Program

BBK:KE:jc  
Enclosure

cc: See next page



Mr. Schepens and Mr. Henschel

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cc/electronic w/enc:

Robert Barr, USDOE

John Eschenberg, USDOE

Joel Hebdon, USDOE

Lori Huffman, USDOE

Tony McKarns, USDOE

Gae Neath, USDOE

Woody Russell, USDOE

Don Sommer, USDOE

Julie Atwood, BNI

Bill Elkins, BNI

Brad Erlandson, BNI

Stan Hill, BNI

Dennis Klein, BNI

Phil Peistrup, WGI

cc w/enc: Administrative Record: Tank Waste Treatment Requirements  
ORP Correspondence Control  
Environmental Portal

<b>Hanford Facility RCRA Permit Modification Notification Form</b>														
Unit: <b>Waste Treatment and Immobilization Plant</b>	Permit Part & Chapter: <b>Part III, Chapter 10 and Attachment 51</b>													
<b>Description of Modification:</b> The purpose of this modification is to update Analytical Laboratory Material Selection Data Sheet (MSDS) for the Hotcell Drain Collection Vessel (RLD-VSL-00165) currently in Appendix 11.9 of the Dangerous Waste Permit (DWP).  The following are the major changes to the above mentioned MSDS: <ul style="list-style-type: none"> <li>Alloy C-276 (N10276) has been identified as an acceptable material</li> <li>6% Mo alloy N08925 has been identified as a recommended material</li> <li>The corrosion and erosion components of the Recommended Corrosion Allowance have been identified</li> <li>Information on the inadvertent addition of nitric acid has been added</li> <li>One reference has been added</li> <li>One bibliography entry has been added</li> <li>Administrative information on the last page has been added</li> </ul>														
These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.  Please replace the following MSDS in the DWP:														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 2px;">Appendix 11.9</td> </tr> <tr> <td style="width: 50%; padding: 2px;">Replace: 24590-LAB-N1D-RLD-P0003, Rev. 0</td> <td style="width: 50%; padding: 2px;">With: 24590-LAB-N1D-RLD-P0003, Rev. 1</td> </tr> </table>					Appendix 11.9		Replace: 24590-LAB-N1D-RLD-P0003, Rev. 0	With: 24590-LAB-N1D-RLD-P0003, Rev. 1						
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Replace: 24590-LAB-N1D-RLD-P0003, Rev. 0	With: 24590-LAB-N1D-RLD-P0003, Rev. 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">WAC 173-303-830 Modification Class:<sup>1 2</sup></td> <td style="width: 12.5%; padding: 2px;">Class 1</td> <td style="width: 12.5%; padding: 2px;">Class 1<sup>1</sup></td> <td style="width: 12.5%; padding: 2px;">Class 2</td> <td style="width: 12.5%; padding: 2px;">Class 3</td> </tr> <tr> <td style="padding: 2px;">Please mark the Modification Class:</td> <td style="text-align: center; padding: 2px;"><del>///</del></td> <td style="text-align: center; padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> </tr> </table>					WAC 173-303-830 Modification Class: <sup>1 2</sup>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3	Please mark the Modification Class:	<del>///</del>	X		
WAC 173-303-830 Modification Class: <sup>1 2</sup>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3										
Please mark the Modification Class:	<del>///</del>	X												
Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A <i>BDR</i> Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 5px;">           Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)            Reason for denial:         </td> <td style="width: 40%; padding: 5px; vertical-align: bottom;">           Reviewed by Ecology:  <div style="text-align: center;">               S. Dahl           </div> <div style="text-align: right;">             3/15/06              Date           </div> </td> </tr> </table>					Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:	Reviewed by Ecology: <div style="text-align: center;">               S. Dahl           </div> <div style="text-align: right;">             3/15/06              Date           </div>								
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<sup>1</sup> Class 1 modifications requiring prior Agency approval.<sup>2</sup> This is only an advanced notification of an intended Class 1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.